

Cost estimate for adopting Biological Measure for Protecting Dumping site at Choura gali to ladote via mukku brade road.

S.No	Particulars of items	Side	No	L	W	H	Qty.	Rate	Amount(Rs).
1	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres, In All kinda of soil for foundation of Crated wall								
			1	60	1.40		0.6	50.400 ^f	
							cum	50.400	
								50.400	332
	or								16733
2	Providing ,laying and hand packing stone in wall Crate including cost of crate and stone (complete job)								
			2	60	1.2	1.2		172.800	
							cum	172.800	
								172.800	1200
									207360
									224093
									Total

say 2.24lacs

[Signature]
Junior Engineer

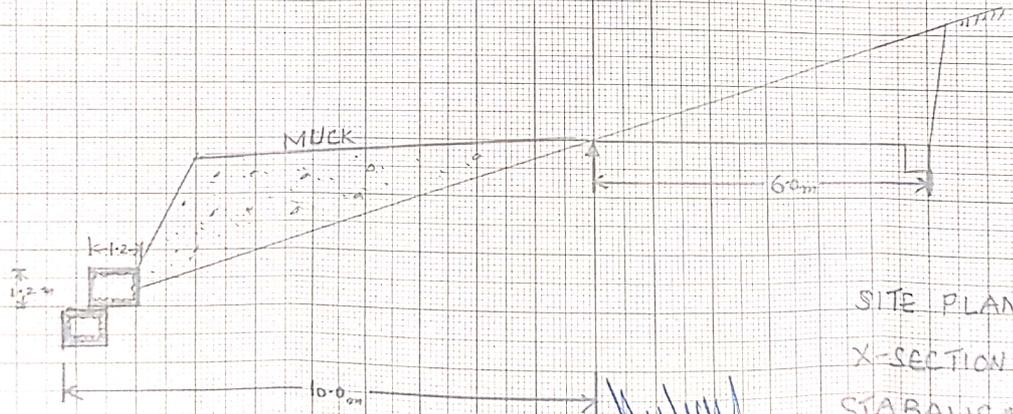
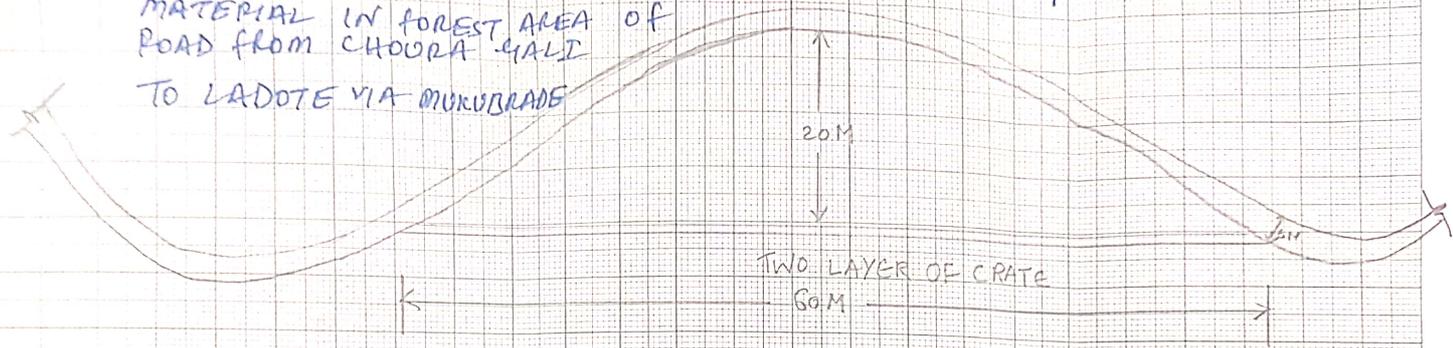
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Executive Engineer
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Assistant Executive Engineer
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and :- Annexure 'A'

Annexure - (A)

SITE PLAN AND X-SECTION FOR STABILIZATION OF MUCK/SURPLUS EXCAVATION MATERIAL IN FOREST AREA OF ROAD FROM CHOORA GALI TO LADOTE VIA MUKURABDE



J.E

ADD

N.D.
Executive Engineer
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SITE PLAN AND X-SECTION FOR STABILISATION OF MUCK/SURPLUS EXCAVATION MATERIAL IN FOREST AREA OF ROAD CHOORA GALI TO LADOTE

Biological measures for stabilization of muck dumping site

(Per hectare area)

S. No.	Item of the work	Unit	Qty.	Rate	Amount
01	Fencing :- using fence post conforming to product cose PCFP-3 at spacing at stand of Glavanced Barbed wire with 2 cross conforming to the product code GA- BW all fence post be fixed in the cement concrete 1:3:6 (1 cement 3 coarse sand: 6 stoen aggregate 40 mm nominal size) Block of size 1'6"X1X1	Rft	390	100	39000
02	Afforestation(1 " year)				
I	Plantation :- Poly bulbs planting of last growing soil binding local species (Trees /Shurbs) in pits of size (45X45X45) cm in staggeres fashion along the contour.	Nos	450	29.34	13203
II	Agave:- agave bulbs planted between interspaces of plants, open spaces & along the fence line size.	Nos	1200	15.45	18540
III	Grass Slips:- (Soil binding grasses viz vetivers, Napier, Saccharum munja & Arunda donax)	Nos	1200	6.35	7620
IV	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (Area specific)	Nos	300	6.00	1800
V	Seed Ball:- Board casting/ dibbing of seed balls.	Nos	300	2.35	705
3	Maintenance for 9 years :- 2 nd year @ 25% + 3 rd year @ 10% + 4 th year to 10 th year 7 @ 5% = 70% of afforestation	Year	319	29.34	9360
Total (1+2+3+)					90228.00
Over head 10% total					9022.80
Grand Total					99250.80


Aec H & W
msh

Say Rs 0.99 Lacs


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